

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/872,712

DATE: 06/26/2001  
 TIME: 09:01:03

Input Set : A:\102131.txt  
 Output Set: N:\CRF3\06262001\I872712.raw

RECEIVED  
 NOV 13 2001  
 TECH CENTER 1600/2900  
 ENTERED

4 <110> APPLICANT: Backer, Marina V.  
 5 Backer, Joseph M.  
 7 <120> TITLE OF INVENTION: MOLECULAR DELIVERY VEHICLE FOR DELIVERY  
 8 OF SELECTED COMPOUNDS TO TARGETS  
 12 <130> FILE REFERENCE: 102131-200  
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/872,712  
 C--> 14 <141> CURRENT FILING DATE: 2001-06-01  
 14 <150> PRIOR APPLICATION NUMBER: 60/209,660  
 15 <151> PRIOR FILING DATE: 2000-06-05  
 17 <160> NUMBER OF SEQ ID NOS: 30  
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 15  
 23 <212> TYPE: PRT  
 24 <213> ORGANISM: Bovine  
 26 <400> SEQUENCE: 1  
 27 Lys Glu Thr Ala Ala Lys Phe Glu Arg Gln His Met Asp Ser  
 28 1 5 10 15  
 30 <210> SEQ ID NO: 2  
 31 <211> LENGTH: 15  
 32 <212> TYPE: PRT  
 33 <213> ORGANISM: Human  
 35 <400> SEQUENCE: 2  
 36 Lys Glu Ser Arg Ala Lys Lys Phe Gln Arg Gln His Met Asp Ser  
 37 1 5 10 15  
 39 <210> SEQ ID NO: 3  
 40 <211> LENGTH: 26  
 41 <212> TYPE: DNA  
 42 <213> ORGANISM: Artificial Sequence  
 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: Synthetic Primer Sequence  
 47 <400> SEQUENCE: 3  
 48 taaggcctat ggcagaagga ggaggg 26  
 50 <210> SEQ ID NO: 4  
 51 <211> LENGTH: 27  
 52 <212> TYPE: DNA  
 53 <213> ORGANISM: Artificial Sequence  
 55 <220> FEATURE:  
 56 <223> OTHER INFORMATION: Synthetic Primer Sequence  
 58 <400> SEQUENCE: 4  
 59 actcgagtca cgcctcggc ttgtcac 27  
 61 <210> SEQ ID NO: 5  
 62 <211> LENGTH: 27  
 63 <212> TYPE: DNA  
 64 <213> ORGANISM: Bovine  
 66 <400> SEQUENCE: 5  
 67 atgagcagct ccaactactg taaccag 27

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69 <210> SEQ ID NO: 6	
70 <211> LENGTH: 24	
71 <212> TYPE: DNA	
72 <213> ORGANISM: Bovine	
74 <400> SEQUENCE: 6	
75 atgacttccg ctgccagcag ctcc	24
77 <210> SEQ ID NO: 7	
78 <211> LENGTH: 24	
79 <212> TYPE: DNA	
80 <213> ORGANISM: Bovine	
82 <400> SEQUENCE: 7	
83 atgtccgctg ccagcagctc caac	24
85 <210> SEQ ID NO: 8	
86 <211> LENGTH: 26	
87 <212> TYPE: DNA	
88 <213> ORGANISM: Bovine	
90 <400> SEQUENCE: 8	
91 atggctgccg gcagctccaa ctactg	26
93 <210> SEQ ID NO: 9	
94 <211> LENGTH: 28	
95 <212> TYPE: DNA	
96 <213> ORGANISM: Bovine	
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99 atggccagca gctccaacta ctgtaacc	28
101 <210> SEQ ID NO: 10	
102 <211> LENGTH: 27	
103 <212> TYPE: DNA	
104 <213> ORGANISM: Bovine	
106 <400> SEQUENCE: 10	
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109 <210> SEQ ID NO: 11	
110 <211> LENGTH: 28	
111 <212> TYPE: DNA	
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114 <400> SEQUENCE: 11	
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117 <210> SEQ ID NO: 12	
118 <211> LENGTH: 28	
119 <212> TYPE: DNA	
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122 <400> SEQUENCE: 12	
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125 <210> SEQ ID NO: 13	
126 <211> LENGTH: 34	
127 <212> TYPE: DNA	
128 <213> ORGANISM: Bovine	
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131 ctacactgag caagcatcaa agtggactgg cacg	34
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142 <211> LENGTH: 26
143 <212> TYPE: DNA
144 <213> ORGANISM: Human
146 <400> SEQUENCE: 15
147 atggctgccg gcagctccaa ctactg 26
149 <210> SEQ ID NO: 16
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151 <212> TYPE: DNA
152 <213> ORGANISM: Human
154 <400> SEQUENCE: 16
155 atgtctcttc ctacgtactg caaccag 27
157 <210> SEQ ID NO: 17
158 <211> LENGTH: 25
159 <212> TYPE: DNA
160 <213> ORGANISM: Human
162 <400> SEQUENCE: 17
163 tcaagagtct tcaacagacg cgtcg 25
165 <210> SEQ ID NO: 18
166 <211> LENGTH: 25
167 <212> TYPE: DNA
168 <213> ORGANISM: Human
170 <400> SEQUENCE: 18
171 tcaagagtct tcacaagacg cgtcg 25
173 <210> SEQ ID NO: 19
174 <211> LENGTH: 33
175 <212> TYPE: DNA
176 <213> ORGANISM: Human
178 <400> SEQUENCE: 19
179 tcaagagtcg cattcaacag acgogtcgaa atg 33
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182 <211> LENGTH: 36
183 <212> TYPE: DNA
184 <213> ORGANISM: Human
186 <400> SEQUENCE: 20
187 atgagcgctg cctcttcttc tacgtactgc aaccag 36
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190 <211> LENGTH: 39
191 <212> TYPE: DNA
192 <213> ORGANISM: Human
194 <400> SEQUENCE: 21
195 atgtccgctg ccagcagctc tacgtactgc aaccagatg 39
197 <210> SEQ ID NO: 22
198 <211> LENGTH: 47

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200 <213> ORGANISM: Human
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206 <211> LENGTH: 30
207 <212> TYPE: DNA
208 <213> ORGANISM: Human
210 <400> SEQUENCE: 23
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213 <210> SEQ ID NO: 24
214 <211> LENGTH: 30
215 <212> TYPE: DNA
216 <213> ORGANISM: Human
218 <400> SEQUENCE: 24
219 ctattcaaca cacgcgtcga aatgaaccgg 30
221 <210> SEQ ID NO: 25
222 <211> LENGTH: 33
223 <212> TYPE: DNA
224 <213> ORGANISM: Bovine
226 <400> SEQUENCE: 25
227 aacatgcata tgagcacttc cgctgccagc agc 33
229 <210> SEQ ID NO: 26
230 <211> LENGTH: 34
231 <212> TYPE: DNA
232 <213> ORGANISM: Bovine
234 <400> SEQUENCE: 26
235 tacggtaccc actgaagcat caaagtggac tggc 34
237 <210> SEQ ID NO: 27
238 <211> LENGTH: 53
239 <212> TYPE: DNA
240 <213> ORGANISM: Human
242 <400> SEQUENCE: 27
243 atgaaagaat ctagacgtaa aaaatttcaa cgtcaacaca tggactctgg tac 53
245 <210> SEQ ID NO: 28
246 <211> LENGTH: 15
247 <212> TYPE: PRT
248 <213> ORGANISM: Human
250 <400> SEQUENCE: 28
251 Lys Glu Ser Arg Ala Lys Lys Phe Gln Arg Gln His Met Asp Ser
252 1 5 10 15
254 <210> SEQ ID NO: 29
255 <211> LENGTH: 48
256 <212> TYPE: DNA
257 <213> ORGANISM: Human
259 <400> SEQUENCE: 29
260 cagagtccat gtgttgacgt tgaaattttt tacgtctaga ttctttca 48
262 <210> SEQ ID NO: 30
263 <211> LENGTH: 7

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264 <212> TYPE: PRT

265 <213> ORGANISM: Bovine

267 <400> SEQUENCE: 30

268 Gly Thr Asp Asp Asp Asp Lys

269 1 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/872,712

DATE: 06/26/2001

TIME: 09:01:04

Input Set : A:\102131.txt

Output Set: N:\CRF3\06262001\I872712.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date